

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,180,956 B1  
APPLICATION NO. : 10/076925  
DATED : February 20, 2007  
INVENTOR(S) : Brian C. Banister

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 26, Claim 1, Line 1, "(a);” should read --(a) and applying the new weight vector perturbation vector for gradient feedback transmit antenna array adaptation in the communication system;--.

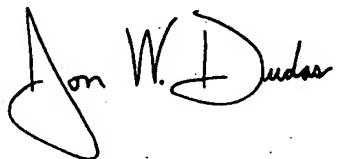
Column 27, Claim 15, Line 65, "(a)." should read --(a) and applying the new weight vector perturbation vector for gradient feedback transmit antenna array adaptation in the communication system.--.

Column 30, Claim 20, Line 34, "(a)." should read --(a) and applying the new weight vector perturbation vector for gradient feedback transmit antenna array adaptation in the communication system.--.

On front page of patent grant, in the Related U.S. Application Data, no. (63) reads "Continuation-in-part of application No. 09/632,081, filed on Aug. 2, 2000, application No. 10/076,925." should read --Continuation-in-part of application No. 09/632,081, filed on Aug. 2, 2000.--

Signed and Sealed this

Sixth Day of November, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*